



The Indianapolis Radio Club Newsletter

Founded 1914

September 2023 Newsletter

Upcoming IRC Meetings and Events:

September 30: IRC POTA activation at Deer Creek FWA (Putnamville)

October 13: Dave Snapp, KB2IAC, aeronautical mobile operations (at Salvation Army EDS)

November 10: EmComm panel discussion (at Salvation Army EDS)

Highlights from the September Meeting:

Meeting called to order at 7:30 by Club President, David Spoelstra, N9KT, via Zoom. There were 33 in attendance.

New Ham Jack Mansfield, KD9YUG, was welcomed to the meeting. Claire & Abi, two guests from Brownsburg High School, were welcomed to the meeting.

David gave a summary of some of the ham radio events that happened over the summer:

- The IRC's first "Picnic and POTA" event (watch for the second one next July 27).
- The club's POTA operating event at Ft. Harrison St. Park (see announcement in this newsletter for next POTA event).
- Several IRC members participated in the Indy United W9SU/W9RCA Field Day with great success.
- David met his Field Day satellite goals, participating in Lafayette.
- David's experiences at the Philmont Scout Ranch.

In announcements, David reminded those present that club elections are coming up in November. David announced that ARRL dues will be going up by \$10 in 2024. He stressed that the ARRL is still the only organization that represents amateur radio operators' interests to the FCC, and is therefore vital to our hobby.

At this point, David introduced this evening's speaker, Bernie McClenny, W3UR. Bernie is the editor and publisher of the Daily and Weekly DX Newsletters. Bernie has been a ham since 1977. He achieved DXCC when he was a Novice operator on CW. He had been working for a hardware company in various positions in 1996. He had talked with Rich, KE3Q, about putting out a DX newsletter. He started the Daily DX Newsletter on St. Patrick's day, 1997. Bernie relies on his next door neighbor, W3LPL for daily propagation forecasts. In the "DXNews" section, there is news about upcoming DXpeditions and such. The QSN section covers interesting band openings and the like from the last 24 hours or so. There is also a section covering IOTA operations. Bernie said he has subscribers to the Daily DX from all states and several foreign countries.

Bernie started the Weekly DX in March of 2001 in response to those that wanted more of a "summary" publication. W3RQ is now the editor of the publications, and Bernie is editor and publisher, so there are a total of the 3 on the staff: Bernie, W3RQ, and W3LPL.

In early 1998, Bernie was contacted regarding writing the "How's DX" column in QST, and has been writing it since.

When asked about Bernie's sources for his articles, he said he gets lots of direct input from DXpeditions, as well as other websites, etc..

Bernie wrapped up his presentation around 8:05.

At that point, David talked in more detail about his summer at the Philmont Scout Ranch, complete with several photos of the ranch and some of the participants (including several four-legged ones).

The evening wrapped up around 9:00.

Ham Radio News:

GEIST HALF MARATHON NEEDS RADIO VOLUNTEERS

Please sign up to assist with the Geist Half Marathon in Fishers, IN being held this Saturday, September 16th. This is a great opportunity to serve the community in a way that only HAM radio operators can do! This event will go from ~6:45am to 12:00 noon. At least 8 and as many as 12 operators are still needed to support the 12 locations along the route! Use [this sign-up link](#) or contact Jason Lopez directly (at n9crt1@gmail.com or planningchief@indycert.org) to sign up.

INDY AIR SHOW LOOKING FOR VOLUNTEERS

Mark Sweet, N2MSJ, is looking for volunteer Amateur Radio Operators to assist with Logistics and Safety for The Indianapolis Air Show, hosted by the Boy Scouts of America, which will be held on October 28th & 29th at the Mount Comfort Airport. General information on the Air Show can be found at <https://www.crossroadsbsa.org/crossroads-air-show/>

All volunteers will get free admission to the Air Show and free parking. There may be a volunteer t-shirt also provided.

If interested, please sign up using the following link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=DQSIkWdsW0yxEjajBLZtrQAAAAAAAAAAAANAAYRcYxdUQUtXSk8yWFFCSEROQUQ3TlkxWk8xOEJaQy4u>

Please feel free to share this with other HAMs.

LOCAL TECHNICIAN CLASSES COMING UP

Technician Classes will be held on September 23rd and 30th at the Hendricks County Senior Services building, at 1200 Sycamore Lane, Danville. On the 23rd, the class will run from 9:00 am to approximately 3:30 pm with a lunch break. On the 30th, the class will run from 9:00 am to noon, with testing following a lunch break.

There are also classes planned for October 28th and November 11th at IU West Hospital.

Contact Bruce Enz at bruceenz@gmail.com or (317) 201-8299 for more info and to get registered.

W9DXCC THIS WEEKEND

Advance registration for the 2023 W9DXCC Convention is closed, but walk-in registration is still available, according to their website at <https://w9dxcc.com/>. The Convention and Banquet take place on Saturday, September 16, 2023 at the Chicago Marriott Naperville, and the DX and Contest Universities take place on Friday, September 15, 2023 at the same place.

EMCOMM PRESENTATION AT NOVEMBER IRC MEETING

Jeff Hammer, N9NIC, is planning an extensive Emergency Communications presentation for the November Indianapolis Radio Club meeting, coming up on Friday, November 10th at the Salvation Army EDS Facility, 4020 Georgetown Road, Indianapolis, 46254.

Jeff currently has ARES, RACES, LDS ERC, and SATERN confirmed, with CERT, MARS, and REACT possibly participating as well. The participating groups will have table-top displays and information available by 7:00 pm for meeting attendees. The meeting will start with a short radio club business meeting at 7:30 pm, followed by short presentations by each of the groups. Following their presentations, an open panel discussion will entertain questions from those present.

ON-LINE TECHNICIAN CLASSES GOING ON NOW

A free, weekly, live, Amateur Radio Technician Class Licensing course on Zoom started on Thursday, Sept 7, and will run through Thursday, October 19 (7 sessions). The three-hour sessions will start at 6:30 PM Eastern Time. These are classes that have been held for years, and are sponsored by the National Electronics Museum. Please publicize this with anyone you know that you think would be interested. Those wishing to sign up should email roland.anders@comcast.net.

KD9MNB ANTENNA REPLACEMENT ANTENNA INSTALLATION

After losing his NA4RR Hexbeam to an ice storm last winter, Kevin, KD9MNB, with the help of Jim, K9RU, and Amateur-owned King's Antenna Company (Angola), replaced the remains of the hex beam with a Mosley M-53A.



Ice Storm 1, Hex Beam 0



Here's the Mosley assembled at ground level next to Kevin's house in Angola.



Done!

CONSIDERATE OPERATOR'S FREQUENCY GUIDE

This guide, as found at <https://www.arrl.org/files/file/conop.pdf> might be handy to keep close, especially for POTA operators. It just might keep some of the DQRM (deliberate interference) down a bit. In fact, I just printed one off to keep in my POTA notebook, on the back side of the sheet protector that contains a band plan. Also, in times of hurricanes or other emergency events, be aware of frequencies that are reserved for emergency traffic.

The Considerate Operator's Frequency Guide			
<p>The following frequencies are generally recognized for certain modes or activities (all frequencies are in MHz) during normal conditions. These are not regulations and occasionally a high level of activity, such as during a period of emergency response, DXpedition or contest, may result in stations operating outside these frequency ranges.</p> <p>Nothing in the rules recognizes a net's, group's or any individual's special privilege to any specific frequency. Section 97.101(b) of the Rules states that "Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the amateur service frequencies. No frequency will be assigned for the exclusive use of any station." No one "owns" a frequency.</p> <p>It's good practice — and plain old common sense — for any operator, regardless of mode, to check to see if the frequency is in use prior to engaging operation. If you are there first, other operators should make an effort to protect you from interference to the extent possible, given that 100% interference-free operation is an unrealistic expectation in today's congested bands.</p>			
<i>Frequencies</i>	<i>Modes/Activities</i>	<i>Frequencies</i>	<i>Modes/Activities</i>
1.800-2.000	CW	14.233	D-SSTV
1.800-1.810	Digital Modes	14.236	Digital Voice
1.810	CW QRP calling frequency	14.285	QRP SSB calling frequency
1.843-2.000	SSB, SSTV and other wideband modes	14.286	AM calling frequency
1.910	SSB QRP	18.100-18.105	RTTY/Data
1.995-2.000	Experimental	18.105-18.110	Automatically controlled data stations
1.999-2.000	Beacons	18.110	IBP/NCDXF beacons
3.500-3.510	CW DX window	18.162.5	Digital Voice
3.560	QRP CW calling frequency	21.060	QRP CW calling frequency
3.570-3.600	RTTY/Data	21.070-21.110	RTTY/Data
3.585-3.600	Automatically controlled data stations	21.090-21.100	Automatically controlled data stations
3.590	RTTY/Data DX	21.150	IBP/NCDXF beacons
3.790-3.800	DX window	21.340	SSTV
3.845	SSTV	21.385	QRP SSB calling frequency
3.885	AM calling frequency	24.920-24.925	RTTY/Data
3.985	QRP SSB calling frequency	24.925-24.930	Automatically controlled data stations
7.030	QRP CW calling frequency	24.930	IBP/NCDXF beacons
7.040	RTTY/Data DX	28.060	QRP CW calling frequency
7.070-7.125	RTTY/Data	28.070-28.120	RTTY/Data
7.100-7.105	Automatically controlled data stations	28.120-28.189	Automatically controlled data stations
7.171	SSTV	28.190-28.225	Beacons
7.173	D-SSTV	28.200	IBP/NCDXF beacons
7.285	QRP SSB calling frequency	28.385	QRP SSB calling frequency
7.290	AM calling frequency	28.680	SSTV
10.130-10.140	RTTY/Data	29.000-29.200	AM
10.140-10.150	Automatically controlled data stations	29.300-29.510	Satellite downlinks
14.060	QRP CW calling frequency	29.520-29.580	Repeater inputs
14.070-14.095	RTTY/Data	29.600	FM simplex
14.095-14.0995	Automatically controlled data stations	29.620-29.680	Repeater outputs
14.100	IBP/NCDXF beacons		
14.1005-14.112	Automatically controlled data stations		
14.230	SSTV		

ARRL band plans for frequencies above 28.300 MHz are shown in *The ARRL Repeater Directory* and on www.arrl.org.

NEXT INDY RADIO CLUB POTA EVENT PLANNED

If you want another opportunity to operate some Parks On The Air (POTA), our next planned operating event will be coming up on Saturday, September 30. This one is going to be out of the Indy Metro area a little. It's going to be at the Deer Creek Fish & Wildlife Area (POTA K-4194), located just north of US 40, just west of Putnamville (lat/lon 39.5738, -86.8850), County Road 600S & Ranch Road.

I have operated from this location twice. Low to no noise, no admission charge, and a restroom. Who could ask for more? I'll send out some emails with more details as we get closer.

UPCOMING CENTRAL INDIANA TESTING SESSIONS (check with sponsor before planning to attend)

Greenfield IN 46140-9654
Sponsor: Hancock County ARC
Date: Sep 16 2023
Time: 9:00 AM (Walk-ins allowed)
Contact: David Keiser
(317) 440-8486
Email: kc9urp@hrtc.net
VEC: ARRL/VEC
Location: Hancock EMA EOC
640 South Franklin St
Greenfield IN 46140-9654

Anderson IN 46016-2238
Sponsor: Anderson Repeater Club
Date: Sep 19 2023
Time: 7:00 PM (Walk-ins allowed)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EMA EOC
200 N Delaware St
Anderson IN 46016-2238

Website: <http://www.andersonrepeater.club/>

Gas City IN 46933-1155

Sponsor: GCARC

Date: Sep 26 2023

Time: 5:00 PM (No Walk-ins / Register or Call ahead)

Contact: Mitchell D. Miller

(765) 661-5893

Email: mitchmiller55@gmail.com

VEC: ARRL/VEC

Location: EMA Building

3921 S Garthwaite Rd

Pre-register only, contact ahead

Gas City IN 46933-1155

Website: <http://www.grantarc.org/>

Bloomington IN 47401-5337

Sponsor: Bloomington ARC Inc

Date: Oct 07 2023

Time: 11:30 AM (Walk-ins allowed)

Contact: William F. Wootton

(812) 876-8689

Email: wfwootton@gmail.com

VEC: ARRL/VEC

Location: First United Church - Call or email ahead due to COVID-19

2420 E 3rd St

Register at 11:30am

Testing at 12 NOON

Bloomington IN 47401-5337

Indianapolis IN 46218-2169

Sponsor: Indianapolis Radio club W9JP

Date: Oct 14 2023

Time: 12:00 PM (No Walk-ins / Register or Call ahead)

Contact: James K. Rinehart

(317) 721-1458

Email: testing@indyradioclub.org

VEC: ARRL/VEC

Location: Salvation Army EDS Training Facility
4020 Georgetown Rd
Indianapolis IN 46218-2169

Noblesville IN 46060-1624
Sponsor: Central Indiana ARA/ HCRACES
Date: Oct 14 2023
Time: 10:30 AM (No Walk-ins / Register or Call ahead)
Contact: Joseph March
(317) 224-9433
Email: jmarch54@att.net
VEC: ARRL/VEC
Location: Hamilton Cty Emer Operations Ctr
18100 Cumberland Rd
Sheriff's Campus Training Room
CALL AHEAD
Noblesville IN 46060-1624

Anderson IN 46016-2238
Sponsor: Anderson Repeater Club
Date: Oct 17 2023
Time: 7:00 PM (Walk-ins allowed)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EMA EOC
200 N Delaware St
Anderson IN 46016-2238
Website: <http://www.andersonrepeater.club/>

Columbus IN 47201
Sponsor: South Central Indiana Communications Support Group
Date: Oct 17 2023
Time: 6:00 PM (Walk-ins allowed)
Contact: Michael D. Tanksley
(812) 350-5175

Email: kd9eau@gmail.com
VEC: LAUREL VEC
Location: East Columbus United Methodist Church Youth Center
2439 Indiana Ave
Columbus IN 47201

Gas City IN 46933-1155
Sponsor: GCARC
Date: Oct 24 2023
Time: 5:00 PM (No Walk-ins / Register or Call ahead)
Contact: Mitchell D. Miller
(765) 661-5893
Email: mitchmiller55@gmail.com
VEC: ARRL/VEC
Location: EMA Building
3921 S Garthwaite Rd
Pre-register only, contact ahead
Gas City IN 46933-1155
Website: <http://www.grantarc.org/>

FEEL FREE TO SHARE OUR NEWSLETTER

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at http://mail.indyradioclub.org/mailman/listinfo/ircnews_indyradioclub.org.

SEND ME YOUR HAM RADIO NEWS

If anyone has any items for the newsletter, please send them to Ken Bandy at kj9b@arrl.net

Signals from the Past:

From the September-October 1953, Ama-Chewer:

And here a copy of article that Burt Siegel, WN9ZRQ sent in. - An illustration of the extent to which things are changing all the time is development of a new type of magnet--A magnet containing no metal....

Now magnets are made entirely of clay-like ceramics. The ingredients are ground into powder and then fused together, as in powder metallurgy. There is no inherent magnetism in the elements used, but the mixture will take an electric charge. And, once magnetized, the ceramic remains magnetic almost indefinitely. The first commercial use has been found in TV sets, where the non-metallic magnets help to get the picture focused sharply. The new magnets are expected to find a wide market in other fields where government allocations sometimes make magnets hard to come by.

Upcoming Area Radio Events:

- Indy Radio Club POTA Event: September 30 at Deer Creek Fish and Wildlife Area, Putnamville. Watch email for details.
- Southern Indiana "Hamtober Fest": October 14 at Lynnville Community Center, Lynnville, IN. Go to <http://www.hamtoberfest.com/> for more details.

2023 Officers:

- President: David Spoelstra, N9KT – president@indyradioclub.org
- Vice Pres.: Dave Miller, K9RTT - vp@indyradioclub.org
- Secretary/Treasurer: Ken Bandy, KJ9B - secretary@indyradioclub.org
- Dir. at large: Jim Rinehart, K9RU – board@indyradioclub.org
- Dir. at large: Kyle Bandy, KC9GLR - board@indyradioclub.org
- Dir. at large: Kevin Colbert, KD9MNB - board@indyradioclub.org
- W9JP Trustee: Jay Kraus, W9TC - w9jp.trustee@indyradioclub.org

To Pay Dues or Donate to the club, go to
<https://tinyurl.com/irc-dues-payment>

Or Scan this QR Code with your smartphone:

